

BPL will completely prevent me from exercising my amateur radio license privileges in the HF bands. That is simply wrong.

Additionally, I do not believe this technology can be prevented from interfering with the public safety radio systems I manage for my local volunteer fire department, in spite of assurances from the equipment providers this will not be the case. There are just too many power lines in too many locations to assure we will be able to communicate when dealing with property and life safety situations.

Unlicensed 802.11 devices were not supposed to interfere with licensed services in the 2.4 Ghz band either. Yet at the Air Force Academy, where I am a consulting engineer in the small satellite research center, we are unable to hear signals from amateur satellites in that band due to extensive and ubiquitous interference from unlicensed wireless networks. Such devices are so easy to place and used that even Academy officials, who have banned their use, cannot find and eliminate all those interference sources.

Broad band frequency hopping signals are NOT undetectable. They are a different kind of interference from the narrow band signals we usually think of when talking about interference. But BPL, by distributing signals over such a wide area and in such an uncontrolled way, are even more harmful to existing services than similar systems with restricted bandwidths.

BPL is a very very bad idea. I urge you to completely and fully reject the idea and not allow this technology to be deployed